SCIENCE FOR THE PEOPLE.

There has been a long dispute between the physicists and mathematicians on the one hand, and the geologists and biologists on the other, as to the age of the earth, or rather, since that is equally involved, the age of the sun. Dr. Croll, the distinguished Scotch geologist, has recently offered a theory which is not altogether new, but admits of some novel arguments, and which may serve all parties to the dispute. Beginning with a review of the different theories as to the sun's heat, he rejects the combustion theory as totally inade quate, since if the sun were all a mass of burning coal, it would not last over 5,000 years; the chemical theory does not prolong the duration sufficiently; the meteoric theory will not serve; the only remaining explanation is the gravitation or condensation theory. This suppose that the materials of the solar system were originally t bula, extending through a space many times greate than the orbit of Neptune. The falling together, the condensation of this amount of matter, it can be mathematically shown, would supply enough heat to keep the sun at its present temperature for 20,000,000 years. Unfortunately, that period is not sufficient for the geologist. He demands at least 100,000,000 years for the changes of the earth's surface, and would prefer twice that length of time. The arguments of the geologist are almost upanswerable; those of the biologist who believes in evolution tend to the same point so far as they go. Professor Croll says that there is a way out of this difficulty, by supposing that the nebula was not cold but hot. If you suppose it hot enough to start with, you will have heat enough to carry you through. Obviously it is just as easy to suppose a hot nebula as a cold one. But Professor Croll proposes to provide for this original heat, If the solar system had originally consisted of two masses, each of balf the density of the whole, at some immensurable distance apart, and they fell foul of other owing to their mutual gravitation they would strike with a speed of 274 miles per they would strike with a speed of 274 miles per second. If their motion was stopped by the concussion, an amount of heat would be developed sufficient to convert the whole uit a nebula that would take 50,000,000 years to cool. This is decidedly an improvement on the cold nebula. But the supposes that the component halves, before they started on their way to a collision, had no motion. Let us suppose that they were moving beforehand at the rate of 202 miles per second, and that this speed was added to what they got by gravitating toward each other; then we get, when they struck, a nebula extending beyond Neptune, and with heat enough for a smooth 00 000,000 years' duration. If you insist upon 200,000,000, you must give the original masses a speed of 676 miles per second, beforehand. It will be objected that no such motion has been observed in space. Even the planets do not make such fast time; the earth for instance, going only a thousand miles in a minute. The fixed stars whose motion has been assertained travel very much clover. But Professor Croil says the fixed stars are those that have gone through the collision process, and have lost their motion. The new throubests goes behind the ordinary But Professor Croll says the fixed stars are those that have gone through the collision process, and have lost their motion. The new hypothesis goes behind the ordinary nebular theory in point of thine, giving an explanation for the formation of the nebular. But it presumptes that there may be vast, cold, invisible masses of inatter rashing through space with such velocity that their mere touch would convert our globe into red hot gases and distribute it through infinite space. The conception is not incompatible with the sudden flaming out of a new star and its conversion into a nebula, as seems to have been the case with the Schmidt star in Cygnus; but the facts in that remarkable case were probably not known to Professor Croll at the time alse essay was written.

The postponement of the Woodruff Scientific Expedition till next May seems to have been resolved upon rather suddenly. Within a few days previous to the announcement of the change of plan, the expectation of departure during the present month was encouraged.

formed the subject of a valuable essay, delivered by Professor Theodore Gill, before the National Academy of Sciences at its recent meeting. The following were the chief conclusions reached: Antiers are horn-like appendages of frontal processes, peculiar to the deer, developed periodically and concomitantly with the sexual or-gans, chiefly in the males, either as simple spikes or with a tendency to bifurcation, especially (but not exclusive ly) in the direction of greatest or axial growth. The modifications of the antiers and their contour in the various forms of the family, are chiefly dependent on and de termined by the diverse exhibitions of this tendency, and examples of several kinds are furnished by the genera Cervus, Carfaeus, (also Rusa, Pudu.) and Elaphurus. As is generally known, in all the door the antiers of the first year, at least, are simple spikes. In Pudua, the antiers remain simple and never bifurcate. In Cervus, the direction of growth is continuously upward and backward, and dichotomization takes place from the hinduost prong of the preceding year, the antiers being differen thated, however, into posterior, " beams " and anterior "brow-antlers." In Carlacus, the direction of greatest "brow-antiers." In Carlaeus, the direction of greatest growth in deflected and the main axis continuous subspirally forward into the hemologues of the anterior upper prengs of the fourth year. Busa exhibits a similar tendancy. In Einpharus, the direction of principal growth is upward from the base and forward, and the antiers are differentiated into two elements, (1) the auterior being homologous with the brow antiers of Cercus and functionally usurping the place of the main ones, and (2) the posterior being correspondingly reduced and thrown backward.

Canajoharie, in this State, boasts the possesgiven in the newspaper accounts. The stone is believed served: he has selected from the store all that is most bear close rescribiance to the Egyptian Sphynx. Per haps, too, it may present a perpetual riddle.

In the course of Professor Rood's researches respecting colors, of which some account was recently given in the report of the proceedings of the National Academy of Sciences, he obtained a numerical value for the luminosity of different tints. The results are as follows: White paper being estimated as having a luminosfty of 100, vermillion has 23.8, blue-gree chrome-yellow 80.3, cobalt-blue 35.38, green 41.19, pur-ple 14.83. The vermillion was spread over the paper in a thick paste. The blue-green consisted of a mixture of emerald-green and cobalt-blue, applied in a thick paste The chrome-yellow was of the pale kind, and was applied in a series of washes, after the manner of water-color painting. The cobatt-bine was applied in the same way as the chrome-yellow. The green was a mixture of emeraid-green and chrome-yellow, applied as a thick paste. The purple was an aniline color.

From statements made at a meeting of the California Academy of Sciences, the eucalyptus tree may be enumerated among the means for checking fire. alyptus shongles are said to be fire-proof. A tree of this species was exposed to the San Francisco fire 1876, and is still flourishing. The notion is urged that the spread of fires in cities could be checked by setting out such trees for shade and ornament. All varieties of the enemyptus are said to possess this valuable pro-

The city of Providence, R. I., is excited conwhich is estimated to have cost \$580,000, is said to be cracked and disabled. As a preliminary to giving the public an education in respect to water-works and engi meering, so that intelligent measures shall be hereafter adopted. The Providence Econing Press has issued an illustraded "extra," containing a descriptive history of the invention of the Cornish steam engine, beginning with the attempts of a century ago. The "extra" is illustrated. Probably the moral to be enforced is to buy somebody's pump.

RELIGIOUS INTELLIGENCE.

The "Second Biennial Conference of the United States Evangelical Alliance," begins on Taesday next, at Detroit.

The Presbyterian Synod of New-Jersey has refused to sustain the appeal of the Rev. I. M. Sec. of Newark, who was consured by his presbytery for per-mitting a woman to preach in his pulpit.

The Sunday-School Association of this city has postponed its lecture for this month to Monday next. one of the two days of prayer for Sunday-Schools. The Rev. Dr. O. II. Tiffany is the lecturer.

A missionary Review is about to be established. It will examine and discuss "the principles.

measures, arencies and administration of the different boards and societies of Christendom." It will be asseed The Methodist local preachers hold their

National Convention to-morrow at Camden, New-Jersey The convention represents 13,000 lay preachers, who are never appointed as pastors, though some of them are or-

The Foreign Sunday School Association holds its annual meeting to-morrow evening, in Dr. Cuyler's Church, Brooklyn. This association has for its object the planting and sustaing of Sunday Schools on the Continent of Europe.

The Cathedral of St. Luke (Protestant Episcopal), at Portland, Maine, was consecrated October 18. by Bishop Neely. It cost \$125,000. Ten years have

passed since the foundation was laid, but the consecra-tion has been delayed until all the debt was paid. The students in the schools established by the American Missionary Association, in the Southern States, are thus classified: Theological, 74; iaw, 8;

ecllegiate, 79; preparing for college, 154; normal, 1,133; granimar, 682; intermediate, 1,222; primary, 1,690. Messes, Moody and Sankey will on November 4 begin Evangelistic Missions in New-Hampshire. Four principal towns will be selected, and in these simulta-

Mayence, about one hundred delegates were present. Prossor Huber was chosen president. Letters expressive of sympathy with the effort to reunite the churches were read, one of them being from the Bishop of Lacoln.

note for the amount be given by the beneficiary, to be paid within four years after graduation, otherwise to The Long Island Baptist Association has in ten years raised \$61,136 for home mission purposes.

in supporting pastors. Seventeen of these churches are new. The association reported for this year a debt of The English Liberation Society, which has for

its object the separation of Church and State, has announced its purpose to hold meetings in all the boroughs of Great Britain, during the coming season. Messis, Rosers, Dule (now in the United States), and Carvell Williams are announced as leading speakers. The Brandenburg Consistory, Prussia, has

cancelled the call of the Rev. Mr. Hossbach to the charg of the Parish of St. James, in Berlin. Mr. Hossbach i known as a decided rationalist, and the veto put upon the choice of the congregation by the consistery has ex-cited much remark in Berlin. The American Church Missionary Society

(Protestant Episcopal), which will bereafter be merged a the Board of Missions, was organized in 1860. It great out of "a dissatisfaction on the part of many at what appeared to be a prevalent tendency in the operations of the board to favor one particular class of views in the The English Church Congress opened, at

Croydon, a subarb of London, October 9. The conce of people attending is described as "nnexampled," opening sermon was preached by Professor Lightfoot.

After the imaginal address by the Archbishop of Canterbury, the Concress discussed "Monammedanism," "Christian Faith a Relation to Sceptical Culture," and "Trades' Unions."

The proceedings of the Protestant Episcopal General Convention were marked by great harmony The Churchman, of this city, says: "The stormy scane of past strife are now only matters of history, and that almost forgotten. There does not appear to be the shadow of a party in the house, and no one could nossibly foresee when any member rose to speak, which side of the question he would advocate." The Church Journal bears the same testimony.

The Triennial Congregational Council, which met in Detroit, October 17, continued in session four days. The statistics showed a gain in three years, of 184 churches. The present number is 3,509; of these 1,465 are in New England, and 1,231 in the West, and annual expenses of the churches are estimated to be \$4,000,000. The number of ministers in the pasteral service is 2,374, an increase of eighty in three years.

The committee of the Bonn Old Catholic Synod, to which was referred the further consideration of the subject of the cellbacy of priests, has made an application to the State Ministers of Baden, asking what egal hindrances are in the way of abolishing the gation of celibucy in Baden, and what objections there would be to such a step. The Ministry, though not averse to the abolition of compulsory relibery, has replied that it will act only in conjunction with other states, especially Penssin.

It is now formally announced by the Palestine Exploration Society, of England, that their survey of Western Palestine is completed. This survey has bee in progress since January, 1872, with the exception of ifteen months in 1875-6. One of the lenders of the The mode of development of deers' antilers or med the subject of a valuable essay, delivered by Prosear Theodore Gill, before the National Academy of Executive Committee states that the new maps and memoirs will contain thousands of names, very many of places in the Bible not before identified, together with many found in Tulmudic, Early-Christian and Crusading

Cardinal Riario Sforza, whose recent death has been announced, was born in 1810, and was now! nated Archbishop of Naples before he had reached his thirty-fifth year. At thirty-five years he was made Cardinal by Pope Gregory XVI. He was a member of four congregations-Bishops and Spiritual Orders, the Council of Spiritual Immunities, the Index, and the Discipline of the Spiritual Orders. There are said to be tait four Cardinals left of the number appointed by Gregory XVI-Amat, Schwarzenberg, Asquint, and Carafu, Cardinal Sforza was greatly beloved in Naples for his benevolence, which was considencesly displayed during the prevalence of chelera in 1867.

NEW PUBLICATIONS.

The stories which Mr. Matthews has retold, with very slight variations, were originally collected by the late Henry R. Scheolerafi, and published by him under the title of "Algie Researches." This work has long been out of print, for it appeared before there was a suf-ficient public in this country to appealate at their true sion of a stone relic, recently found below the surface in value the quaintness and freshness of the Indian fairy le gends. These qualities Mr. Matthews has carefully pro-Fire-Piume," and "The Father of Maize," are full of the freshest poetry of the race, and often character zed by touches of the purest pathos. Longfellow has used some of the material in his "Song of Hiawatha," but he has only taken such as harmonized with the design of the poem; all the legends are new and delightful, and our children could have no better fairy-lore.

THE LIFE OF EDWIN FORGEST, WITH REMINISCEN CES AND PERSONAL RECOLLECTIONS. By JAME REES (Colley Cibber). 12mo. pp. 524. T. B. Peterson & Co.

The circumstance of this biography's appearance so soon after that of Mr. Alger, who was selected by Mr. Forrest's executors to perform the task, is explained by the author, who states that the bulk of the work was formished by a series of detached "reminiscences," which he first published in a Philadelphia paper. He claims to have been long intimate with the famous tragedian, and to have been his agent, or assistant, during the last years of his life; but we are not furnished with a clue to the sources from which his biography is drawn. Of course is is a most enthusiastic calogy from beginning to end. probably reflecting the prejudices and passions of its sub ject, yet, although as a clear, judicial presentation of character, its value is thus next to nothing, it contains many minor details and illustrations of Mr. Forrest's career, which enables the reader, in some respect, to form his own independent judgment.

Mr. Avery's modest introduction is in keeping with the contents of his volume,-frankly and honestly written, without effort or pretention. His descriptions of secuery are clearly and carefully drawn, his peems graceful, and smoothly finished, avoiding the emptiness of commonplace on the one hand and the weariness of an over-ambitious style on the other. He has wisely se lected those parts of California which, although not less familiar to the eyes of visiters, have nevertheless bee less written about,-Monte Diable, the Coast Range Mounts St. Helena and Tamalpais. The result is a very agreeable volume, with a good deal of inherent freshness of material. The illustrations, drawn by Moran, Kappes and Gibson, and admirably cut on wood, are without ex-

BRIEF NOTICES

A welcome addition to Osgood & Co.'s "Vest-Pocket Series" is the selection from Mr. E. C. Stedman's poems. It contains tifteen of his lyries, nearly every one of which must be classed among his best and also best known. Such poems as "Pan in Wall Street," "The Doorstep," "The Heart of New-England," "Osawaton ie Brown," "Futt Ilium," and "Horace Greeley," have gone far and wide through the country, and found peranent resting places in thousands of homes.

-Hurd & Houghton have issued two more volumes of their new edition of the standard English Poets, containing the three original volumes of Coleridge, and one of Keats, who is thus compelled to divide one volume with the former poets. This is awkward for those who wish to possess Keats separately; it will make less difference to such as purchase the entire series.

-Osgood & Co.'s series of "Artist Biographics" gives us a very compact and serviceable life of Titian (16mo. pp. 160). Mr. Sweetser has taken the recent excellent work of Crowe & Cavalenselle as his authority, and by mitting much technical description and criticism, has furnished a volume which may be read in an hour, entertaining as a story, and useful as an accurate reference.

"Patsy; a Story for Girls" (16200, pp. 240; G. P.

Putnam's Sons), by Mrs. Leona B. Robinson, belongs to primary literature. It deals with a small girl, and is meant to be read by small girls—and perhaps boys. The style is appropriately simple, and the moral tone rightly tempered to the infant conscience. "Six Sinners," by Campbell Wocaton, is suother book for somewhat older children, issued by the same publishers. Dora's miseries and her final happiness, form the staple of the story, cous services will be held by Mr. Moody and his associ-tes, slajor Whittle, Mr. Neodham, and Mr. Morchouse. —"Saved" (12mo. pp. 318), published by the Na -"Saved" (12mo. pp. 318), published by the Na-At the Congress of Old Catholics held at | tional Temperance Society, is a tract in the form of a

story; the author is M. E. Winslow. There is, of course, but one vice and one plain moral, in all tales of reform -"China Painting" (small 410, pp. 69), published by Bobert Clarke & Co., Cincinnati, is a practical manual for The Freewill Baptists, at their recent General | the use of amateurs in the decoration of hard poceelain, Conference in Fairport, recommended that all be given written by M. Louise M-Laughlen. We are not to theological students, on condition that a promissory by familiar with the art to halve of the thoroughness of the amount be given by the sensitions very the author's knowledge, but we find her directions very clear, careful and explicit. The illustrations add to the practical value of the text. . Elementary Perspective (8vo, pp. 47), by M. J. Keller, published by the same house, is none the less excellent for its brevity. It pre-With this sum, twenty-three churches have been sided senisthe necessary inwa of perspective in a most satis-

BOOKS OF THE WELK.

SURSUM CORDA, HYMNS FOR THE SICK AND SUFFER. Dig. 15mm, op. 31d (Boston); Roberts Bros.) MERCY PHILAGEN'S CHOICE. No Name Series. 16mo. pp. 206. (Sector: Roberts Brow.).....

The Esginnings of Christianity, By George P. Fisher, D. D. Seo, pp. 521. (Scribner, Arm-strong & Co.)

THE SAD FOUTUNES OF THE RIV. AMOS BARTING. By George Edol. Edmo. pp. 123, Paper. (Har-per & Bros.). Mr. GRFR's LOVE STORY. By George 2tino, pp. 201. Paper. (Harper & Bross)

EREMA; Or, My FATREE'S SIS. A Novel. By R. D. Blackmore. Syr. pp. 177. Paper. Harper

per & Bros.).

per & Bros.).

Shakespeake's Songs. By John Gilbert. 24mo.
pp. 94. (Boston: James R. Osgood & Co.).... FAVORITE PORMS. By Felicia Hemana. 24mo. pp. 104. (Boston: James R. Osgood & Co.).... FAVORITE ODES AND POEMS. By Collins, Dryden, and Marvell, 24me, pp. 95. (Boston: James R. Osguod & Co.)

Hawthorne and other Poens. By E. C. Sted-man, 24mo, pp. 134, (Boston: James R. Os-good & Co.) 1 25 A Book of Farnest Portry, From A. D. 1550 to the Present Time. Selected by James Parton. 12mo. pp. 515. (Beston; James R. Osgoud &

Peterson & Rive.)

That Gill, of Mine. By the Author of "That Lover of Mine." Square 12:00, pp. 294, Paper. (Philadelphia: T. B. Peterson & Co.)

The Coquettie. A Talk or Love And Pride. By The Author of "Micerrimus." 8vo. pp. 235. Paper. (Philadelphia: T. B. Peterson & Bros.)

Two V. Love. A Super of Symmetric Vol. 1.

THE MEDITERRANEAN BLUSTRATED. By the author "The Burned Cities of Campaula," etc. 4t pp. 375. (Thomas Nelson & Sono)

ADRIFT IN THE ICE-FIELDS. By Captain Charles W. Hall. 16mo. pp. 326. (Beston: Lee & Doctor Tom. By Edward Payson, 16mo, pp. 395, (Boston: Lee & Sheparo).

Lill, "Fair, Fair, with Golden Hair; "Or, Kil-cohran, By the Hon, Mrs. Fetherstoniangh, 16mo, pp. 238. (Philadelphia: J. B. Lippin-cott & Co.).

PEGASUS RESADDLED, By H. C. Pennell, Blus-trated, Smail tra, pp. 120, (Palladelphia; J. B. Lappincott & Co.). OUR COMMON INSECTS. By A. S. Packard, jr. 16mo pp. 225. (Boston: Estes & Laurlat.) MONDAY-CHAIS, By C. A. Sainte-Bouve, 12mo, pp. 298. (Chicago: S. C. Griges & Co.)....... THE NABRATIVE OF A BLOCKADE-RUNNER. By J. Wilkinson. 16me, pp. 252. (Sheldon & Co.)....

Mrse Misanturope. A Novel. By Justin McCar-thy, Large Svo. pp. 238. (Sheldon & Co.)..... CARLE-MAKING FOR SUSPENSION BEIDGES. By Wil-helm Hildenbrand. 18mo. pp. 121. Bourds. (D.

heim Hindenbrind. 19800 pp. 124. Boson (c. Van Nostrand.).

OUTHERS OF MODERS CHEMISTRY. By C. G. Wheeler, 12500, pp. 231. (A. S. Barnes & Co.)

DOLLY: A LOVE STORY. By Frances H. Burnett. 12mo. pp. 319. (Philadelphia: Porter & Contest). A Castes).
Throcon Rome: Or, A Menoir of Christian
AND ENTRA Christian Experience. By Nathinbel R. Waters. 12ma, pp. 352. (Charles
P. Sameroy.).

A Digiest of the Law of Evidence. By Sr Jas. F. Stephens, O. C. 12mo. pp. 227. (Boston: Little, Brown & Co.).....

New Publications.

DOSTPONEMENT! THAT WIFE OF MINE

ADVANCE ORDERS ARE NOW 70,000 COPIES. To prevent disappointment, dealers are urged to place their orders at an early day.

Also, fresh supplies of other numbers of "OUR SPARKLING SERIES."

THAT HUSBAND OF MINE. 135,000 copies made.

> THEY ALL DO IT. Over 50,000 copies made.

The "Sparklers' that follow "That Wife of Mine" are SOMETHING BETTER

and ANOTHER MAN'S WIFE.

For sale by all bookseilers and nowsdealers.

LEE & SHEPARD,

PUBLISHERS, BOSTON.

A BITTER ATONEMENT. Another intensely interesting new novel, by Bertha whose first book, "THROWN ON THE WORLD," had, wide sale hast year. This second work is even better he birst. Published uniform with "THROWN ON THE Cloth bound, prace #1 50. G. W. CARLETON & CO., Publishers.

*, THAT AWFUL BOY is published this day! THE TRIBUNE NOVELS.

CHEAP, STANDARD AND POPULAR.

TEN CENTS EACH. SIX FOR FIFTY CENTS. TWELVE FOR 61. Double Numbers Count 4s Two.

No. 1. LORDS AND LADIES. Published by arrangement with A. K. Loring, Roston.

*No. 3. A PAIR OF BLUE EYES. By Thomas Hardy. (Double number.) Price 20 cents.
*No. 4. THE WOOTING OT. By Mrs. Alexander. (Double

*No. 5. PAR FROM THE MADDING CROWD. By Thomas Hardy. No. 6. GOOD LUCK. By E. Werner. (Translated from the

German for Tith Tuthicks, by Mary Stuart Smith.)
No. 7. ALICE LORHAINE. By R. D. Blackmore. (Double numbers. Price 20 cents. THE CURATE IN CHARGE. By Mrs. Oliphant, No. 9. OLYMPIA: A ROMANCE. By R. E. Francillon. No. 10. BLACK SPIRITS AND WHITE. By Frances

Eleanor Trollope.
No. 11. Two LILLES. By Julia Kavanagh. A CHARMING PELLOW, By Frances Eleanor

No. 18. DRIFTED BY THE SEA. By Henry Whitney *Published by arrangement with Heavy Holt & Co., whose Legarry Hour Series include authorized editions of all Mr.
Harry's and Mrs. Alexander's worrs.
I Published by arrangement with Harper & Brothers, whose
Library of Select Novets includes authorized editions of Mr.
Library of Select Novets includes authorized editions of Mr.
Every novel in this series is complete and unabridged, and

contains rending matter which in other forms costs from seven to ten times the price of THE THEONE novels. Nos. 1, 6, 10, 11, 12 and 13, are in standard form, with pages about the size of Harper's Wockly, and Inture issues will be of the same

THE TRIBUNE novels may be procured of any newsdealer, or will be mailed to any address on receipt of price.

Address THE TRIBUNE. New York, A BRILLIANT TRIO.

e three best-selling and most popular 50-cent books of the

day are THAT AWFUL BOY, TOM'S WIFE, and THAT HORRID GIRL.

All three issued in uniform style, at 50 cents each, and selling faster than they can be printed!

G. W. CARLETON & CO., Publishers. .. THAT AWPUL BOY is published this day!

New Publications.

HARPER & BROTHERS' LIST OF NEW BOOKS.

CARICATURE AND OTHER COMIC ARE, IN ALL TIMES AND MANY LACIDS. By James Parton. With Binstrations. See, Cloth, Uncut Edges and Gilt Tops, \$5.

THE ORIGIN OF THE WORLD, ACCORDING TO REV. FIG.S., F.G.S., Principal and Vice-Chanceller of M'GH Slory of the Earth and Man," "Life's Dawn on Earth," &c.

THE A R C OF FINANCE. By Simon Newcomb. 32mo,

THE CREEDS OF CHRISTENDOM. Ribbotheen Symbelies Feelester Universitie. The Greeks of Christendom, with a History and Critical Notes. By Philip Schaff, D.D., Li.D., Prefessor of Inducal Literature in the Union Theological Seminary, N. V. Three volumes. Svo, Cloth, 815.

ANTHON'S EURIPIDES. An English Commentary on the Rheaus, Medea, Hippoicius, Alceriis, Heraclidae, Sup-plices, and Troades of Complies, with the Scanning of each Play from the latest and best Authorities. By Charles Anthon, LL.D. 18mo, Cloth. \$1.

ANTHON'S LIVY. Titt Livi ab urbe condita Libri L., II. XXL, et XXII. With Notes by Charles Anthon, LL. D., and by Hugh Craig, M. A. 17mo, Sheep, \$1 40.

THE JEWS AND THEIR PERSECUTORS. By Eugene Lawrence. 32me, Paper, 20 cents. VIII.

PETER THE GREAT, By John Lothrop Motley. 32me.

THE MIDSUMMER.NIGHTS DREAM. Shakespeare's Cemedy of A Midsemmer-Night's Dream. Edited, with Notes by William J. Rolle, A. M., formerly Read Master of the High chool Cambridge, Mass. With Engravings. Square 16mo

COOKING RECEIPTS FROM HARPER'S BAZAR.

CICERO'S TUSCULAN DISPUTATIONS: also, TREAT-ISES ON THE NATURE OF THE GODS, AND ON THE COMMONWEALTH. Literally translated, chiefly by C. D. 12ms. Cloth, \$1 50. Uniform with Harper's New

A PRIMER OF GREEK LITERATURE. By Engene Lawrence, 32mo, Paper, 25 cents, XIII.

A PRIMER OF LATIN LITERATURE. By Engene Lawrence, 32ms, Paper, 25 cents, XIV, A SCHOOL HISTORY OF GREECE, By Gent

'ox, M. A., Author of "A General History of Greece," 70 cents. ART EDUCATION APPLIED TO INDUSTRY. By Ward Nichols, Illustrated, Svo. Cloth, Il

> THE NEW NOVELS HARPER & BROTHERS, NEW-YORK.

These Novels are in Paper Covers, except where otherwis FREMA; Or, MY PATHER'S SIN. By R. D. Blackmore. 50

THE SAD FORTUNES OF REV. AMOS BARTON. By corge Ellot. 20 cents.
MR. GILPHUS LOVE STORY, By George Ellot. 20 cents.
JANET'S REPENTANCE. By George Ellot. 20 cents.
CARITA. By Mrs. Oliphant. Illustrated. 50 cents.

MARJORIE BRUCE'S LOVERS. By Mary Patrick. 25 VIRGINIA. A Roman Sketch. 25 cents. WINSTOWE. By Mrs. Leith Adams. 250

PERCY AND THE PROPHET. By Wilkie Collins, 20 KATE CRONIN'S DOWRY. By Mrs. Cashel Hoey. 15

MES ARTHUR, By Mrs. Oliphant. 40 cents.
DIEUDONNEE, By Geraldine Butt. 20 cents.
THE TIME OF ROSES. By Geraldine Butt. 20 ce THE HOUSE ON THE BEACH. By George Meredith

HEADS OF MONEY. By W. E. Norris. 25 cents. THE JILT. By Couries Reads. Hinstrated. 20 cents. THE MILL OF ST. HERBOT. By Mrs. Macquoid. 20

LIBRARY EDITION OF WILLIAM BLACK'S NOVELS: "A Princess of Taule," "Madcap Violet," "A Daughter of Beith," "Three Feathers," "The Strange Adventures of a Phaeton," "Kilmeny," "In Silk Attire," 12ma, Cloth, #150 THE AMERICAN SENATOR. By Anthony Troiloge. 50

A WOMAN HATER. By Charles Reade, 60 cents; 12mo, Cloth, \$1 25. HARPER & BROTHERS will send either of the above

works by mail, postage prepaid, to any part of the United States, on receipt of the price. HARPER'S CATALOGUE mailed free on receipt of nine

HARPER & BROTHERS, Franklinsq., N. Y.

MAY AGNES FLEMING.

Mrs. Fleming's new novel, "SILENT AND TRUE,"
has already sold over 5,000 copies. Her best book.

G. W. CAELETON & CO., Publishers. . . THAT AWELL BOY is notdished this day DUBLISHED THIS DAY:

THE SCARLET LETTER. By N. Hawtherne, Fully and Superbly illustrated by Mary Halloes Foote, Engraved by Anthony, Finely printed from entirely new plates, with red line border. Svo. Coth. Full gilt, \$5. Moreeco antique, \$10.

Hawthorne's great masterpiece is here filly illustrated. The same pure and noble artistic ground that made so beautiful. The Skeleton in Armor." The Habeling of the Cranciand. Made Martin. The successful with the roce and elicity the dramatic scenes and world-famous joharneters of The beautiful Latter.

THE UNITED STATES AS A NATION. Lectures on the Centennial of American Independence, delivered in Berlin, Dresden, Fiorence, Paris, and Lendon, By Joseph P. Thomison, D. L. Li, D. Crown, 8vo. #250. These lectures, delivered last year in the leading Kampean office, were greeted by large antiences of thoughtful horsers as esting forth with minir-decleraness the facta and pilosophy of the American system of government. The book is excellently adapted for home use, to make us more intelligent and patriotic citizens.

CHOICE AUTOBIOGRAPHY. Vol. 4. Life of Vittoria Affect. Edited, with an Essay, by W. D. Howells. \$1.25.
An exceedingly interesting story of the life of the famous Italian poet, who, in the words of one of his admirers, was "ertified to a transcendent praise, not only as a writer, but as a non." Mr. Howell's charming biographical and critical essay fills over 50 pages.

RAPHAEL Vol. 2 of Artist Biographies. By M. F. Sweetser. Describ-ing the life and works of the illustrious painter, and giving a list of his pletures now in extreme, with their dates of preduction and present beation. Cloth, 50 cents. When Mr.Sweetser shall have completed this series, as hand some and valuable a liberry of special character as one can de-sire will be at the disposal of readers, and that, too, at very reasonable outlay—[Beaton Traveller,

. For sale by all booksellers. Sent, post-paid, on receipt of price, by the publishers, JAMES R. OSGOOD & CO., Boston. CHARLES T DILLINGHAM, No. 678 Broadway, special agent for J. B. O. & Co.'s publications.

HE AND I.

POUBTH THOUSAND—A new book of singular merit, by the author of tout charming little work, "The Annals of a maby." Price, 50 cents paper, and \$1 moth.

G. W. CARLETON & CO., Publishers. *.* THAT AWFUL BOY is published this day ! THE TRIBUNE EXTRA, NO. 37.

"HYPOTHESES OF EVOLUTION."

(SECOND EDITION NOW READY.)

A second edition of the recent TRIBLER EXTRA, on "The Hypotheses of Evolution," having been required, it is now ready, and contains, in addition to the loctures and letters of the first edition, the highly interesting letters from This TRIBLER, describing the Peabody Museum at Vale Collego, which are intimately connected with the general subject of the Extra. The new edition is double the size of the first, and is sold at the same price, 10 cents. Following is a full list of the contents of THIBUNE EXTRA. N I. THE EVOLUTION OF LIFE.

DR. J. W. DRAPER. II. ANCIENT LIFE IN AMERICA. III. CATASTROPHISM AND ENVIRONMENT.

IV. THE PEABODY (Yale College) MUSEUM.
WILLIAM C. WYCKOFF.
(Republished from reports and letters which appeared in THE DARLY TRIBUNE.)
Price by mail, postpard, 10 cents. Address THE TRIBUNE,

TELEN'S BABIES are now crying for they combine instruction and anuscement. This novel inventous technical they combine instruction and anuscement. This novel inventous technical they are sufficiently of the primary clucation. For sale by all backsciters, stationers and toy dealers. Truce, 15 centra for the catter alphabet, or postpaid direct from the inventor, GED RGE C. BELL, No. 178 Broadway, N. Y. Agents wanted in every city. A LL FOR HIM.

A THIRD THOUSAND—A powerful new novel of society life in New York City, by the abonymous auther of "Ail For Her." Price, \$1 paper.

G. W. CARLETON & CO., Publishers.

... THAT AWFUL BOY is published this day ! BACK NUMBERS of 3,000 different Periodicals for sale cheap, at the AMERICAN and FOREIGN MAGAZINE DEPOT, 24 Deyest, New York. New Publications.

MACMILLAN & CO.'S NEW PUBLICATIONS. TRANS-CAUCASIA AND ARARAT:

the Autumn of 1876. By JAMES BRYCE, D. C. In.
Anthor of "The Holy Roman Empire." With Bustration

Being Notes of a Vacation Tour in

and map. 12mo. \$2 50.

The Athensum says: "Mr. Reyce has written a lively, and, at the same time, an instructive description of the tour he made last year in and about the Caucasus. When so well-in for-ned a jurist travels into regions seidom visited, and even alks up a mountrin so rarely scaled as Ararat, he is justifie in thinking that the impressions he brings home are worthy of being communicated to the world at large, aspecially when a terrible war is casting a inrid glow over the countries he has lately surveyed."

> TURKS AND GREEKS. Notes of a Recent Excursion.

Hon, DUDLEY CAMPBELL, M.A. One Voinne. 12mo. \$1.
"One of the most entertaining of the brief books published on the subject."- [Evening Post,

> A Lecture on RUSSIA AND TURKEY, From 1774 to 1853.

THOMAS EESKINE HOLLAND, D. C. L. 12mo, Cloth. \$1. LOG LETTERS

"THE CHALLENGER," LORD GEORGE CAMPBELL.

Second edition, revised. With map, 12mc, \$2.50, His dualing descriptions will be delightful reading for all who enjoy books of travel.—("The Calaxy." Lord Campbell is a close observer, has an eve for the droll and humorous aspects of life, and possesses, withat the faculty of describing what he sees in the best possible vem.-"For

THE PRINCIPLES OF SCIENCE. LOGIC AND SCIENTICIC METHOD,

Professor STANLEY JEVONS, F. R. S. One volume, crown, Svo. 84. "The Popular Science Monthly "says of this work: "The remainder of the treatise is an exhaustive account of the methods of scientific investigation. What is most remarkable in tids portion of the work is the combination of extensive and accurate knowledge of facts with perfect command of the most general crinciples. As a writer on scientific method. Professor Jevons is entitled to the credit of being a peer of predecessors so eminent us Herschel, Whewell and Mill."

WOMANKIND.

CHARLOTTE N. YONGE, Anthor of ... "The Heir of Redeline," Heartsease," &c., &c. One volume, 12mo, cloth, \$1.75.

"There is scarcely a phase of the existence of a modern lady which is not deaft with here. In our or inion, no household con taining daughters should be without this book on 'Weman

kind," "-(John Buil. "A more pleasing book, as a whole, than Miss Yonge's Womanking, and at the same time a more wholesoms book, it would be difficult to name. In this age of noise and glitter if is good to find some one who can advise an unoscentations life and a quiet home as the great at blessings for which we are to strive. Woman's life is considered in its different ages and phases, and considered with a delicacy and good sense which cannot be too much admired."—Evening Post.
"This is a wholesome book, wherein the accountes of Woman's Rights will find little to comfort them, but which every true lover of womankind will rend with interest, and will furnish many a maxim that the wise and prindent

> MACMILLAN & CO., AND ALL BOOKSELLERS.

DOPULAR QUOTATIONS.—Carleton's Handbook of Familiar Quotations: a book of ready reference for such pursees and quotations as are offenest quoted and met with together with their authorship and position in the original. A rare and entertaining book. Price, \$1.50. • W. CARLETON & CO., Publishers, • THAT AWFUL BOY is published into day.

IMPORTER AND PUBLISHER OF MUSIC.

CHECULATING MUSIC LIBRARY. Sole agent for the tamona "Edition Peters." LATEST PUBLICATIONS. FOR PIANO. FOR PLANO.

La Harpe Céleste, Flerie, L. Gobbaerta.

Le Péveil de Bengalt Caprice, L. Gobbaerta.

Soudite Embaumé, Vaise de Salon, I. Gobbaerta.

Valise des Souptrs, L. Gobbaerts.

Album (12 characteristic picées), Pheo, Kirchner Six Musical Sketchres, Book I. 2. Theo, Kirchner, each, Six Caprices, Book I. 2. Theo, Kirchner, each, Four Notturnos, Theo, Kirchner, each, Four Notturnos, Theo, Kirchner, each, La Bridledie, I. 6 Etudes, Felix Lecoupsey, La Bridledie, I. 6 Etudes, Felix Lecoupsey

La Bridledie, I. 6 Etudes, Felix Lecoupsey

Le Briconac, morceau militaire, Std. Smith.

FOR ORGAN. 2d Sonata (G minor), Dudley Buck.
The Last Rose of Summer Variations, Dudley Buck.
Choir Accompaninent (theoret, and practical), Dudley Buck.

Il Sospire (The Sigh) Ital, and Eng. G. Abry.
Il Canarino (The Little Canary) Scherze, V. Cirillo
Creole Laver's Song (Septane, or Contralio), Dudley Buck
Daybreak. Song. G. W. Marsion
Donald. Song. G. W. Marsion. Poundel, Song, G. W. Marston

From the Cose Shut Window, Seng, G. W. Marston
I Love My Love, Song, S. P. Warren
The Idly and the Violet, Song, S. P. Warren
The Tryst, Song, S. P. Warren
Antuna, Song, Henry Wilson
Bichard Wagner Album, Selections from Rienti, Flying
Into-Imput, Tanubiaser, English, German and Italian,
for Sopraha

G. SCHIRMER, 701 Broadway. 20,000 COPIES!

TOM'S WIFE and THAT HORRID GIRL, are still selling faster than they can be practed. They are the leading books of the day. Frice, 50 cents each.

G. W. CARLETON & CO., Publishers. * THAT AWFUL BOY is published this day!

BY THE AUTHOR OF THAT LASS OF LOWRIE,

"DOLLY" A CHARMING LOVE STORY. 12mo, Paper, 75 cents; Linen, \$1 25; Cloth, \$1 50.

For sale by all booksellers.

PORTER & COATES. Publishers, Philadelphia, Penn.

THAT AWFUL BOY.

Have you seen bim! It not, ask for him at any bookste.

He will cost you only 50 cents, and you will get more the your money's worth in entertainment and good humer.

G. W. CARLETON & Co., Publishers, N. V.

YEW SCIENTIFIC BOOKS. VATER SUPPLY ENGINEERING, By J. T. Fanning, 650 pages. Syo. 25 Tables and 180 Illustrations. Cloth.

Boards, 50c.

WEYRAUCH ON HEON AND STEEL CONSTRUCTION. Illustrated, Irana Cleris, \$1.

EDDY'S NEW CONSTRUCTIONS IN GRAPHICAL STATICS, Illustrated, \$0c. Cleris, \$1.

D. VAN NOSTRAND, Publisher, Nos. 23 Marcay et. and 27 Wa *.* Copies sent free by mail on receipt of price.

THAT AWFUL BOY.

Have you seen him! If not, ask for him at any bookstor.

He will cost you only 50 cents, and you will get more that
your names's worth in entertainment and good himms.

G. W. CARLETON & Co., Publishers, N. Y.

YOU can learn to play the piano in half day. Boy MASON'S MUSICAL CHART, price #1, # L P. TIHBAL'S, \$20 Broadway, third door below 12th st.

A new book by the author of

THAT LASS OF LOWRIE.

BERTHA M. CLAY. MISS CLAY, author of the popular novel, "THROWN ON ATONEMENT.

O. W. CARLETON & CO., Publishers, N. Y.

A NY SECOND-HAND SCHOOL-BOOK mailed, post free, upon receipt of one half retail price. Back numbers leading magazines. Catalogues free.

A. B. CLABER, 60 Nasaan St., New York.

THAT AWFUL BOY.

Have you seen bun! If mot, ask for him at any bookstore.

Re will cost you omy 50 cents, and you will get more than
your money's worth in entertainment and good humor.

G. W. CARLETON & CO., Fubitishers, N. Y. ** EVERY DAYS NEED."

A collection of Well-Proven recipes farmished by the LADIES OF THE BUSINESS WOMEN'S UNION. Price 50 cents. Revised and corrected.

Price 50 cents. Revised and corrected.

The book will be unaited to any address on receipt of price, ddress BUSINESS WOMEN'S UNION, 50 Willoughby st., rooklyn, N. Y. BOOKS.—Curious, Standard and Cheap. Cat-alogue 15 now ready. New invoices from London just received. John Evans, Bookseller and Importer. 21 Park-row. BERTHA M. CLAY.

Miss Clay, author of the popular novel THROWN ON
THE WORLD, has just issued her new novel.

A HITTER ATONEMENT.

G. W. CARLETON & CO., Publishers, N. Y. New Dublications.

182 FIFTH AVE., NEW-YORK

Have now ready I .- DIANA. By SUSAN WANDER, anthor of " Wych Hazel," "Wide, Wide World," &c. 12 mo. Cloth extra, \$1 75. ". Diama' will be easerly read by the author's large circle of

admirers, who will rise from its person with a feeling that is is in every respect worthy of her reputation,"-[Boston ". Diana' is a good anti-tote for discontent, a good lesson in

faith and duty."-[Roston Globe. IL-THE WORLD'S PROGRESS, A Dictionary of Dates.

From the Creation of the World to August, 1877. By GRORGE PALMER PUTNAM, continued by Prederic Beecher Perkins. Octavo, Cloth, \$4 50, Half More-IIL-THE HISTORY OF PRENCH LITERATURE. By

HENRI VAN LANN. Now complete in 3 vois. Oct. Cloth, \$7 50-

. Putman's new complete Catalogue forwarded to any SCRIBNER, ARMSTRONG & CO.'S LIST.

By the Author of "That Lass o' Lourie's." Third edition now re-SURLY TIM, AND OTHER STORIES. By Mrs. Frances Hodgson Surnett. I vol. Small 12mc. Cloth, extra \$1 25.

"We are glad to have these stories of Mrs. Enruett's in a volume, and we are sure that her admirers will be glad to

have them."-[Stichard Henry Stollard, in "Evening Ex.

DR. HOLLANDS " NICHOLAS MINTURN. Hinstrated by C. S. Heinhart, Large 12mo. Clock, \$1.75. "This last of Dr. Holland's broks is one of the best, and we cheve, the very best, of its author's works." - Christian

PISHER'S BEGINNINGS OF CHRISTIANITY

With a View of the State of the Roman World at the Birth of Christ. I yok, Svo. Cloth, #3. BOWEN'S MODERN PHILOSOPHY.

From Descartes to Schopenhauer and Hardmann. Sys.

Cloth, \$3. MORRIS'S AGE OF ANNE. (Epochs of Modern History.) Small 12:00, with Maps. Cloth.

THE FINAL PHILOSOPHY: Or. System of vericetible Knowledge Issuing from the Har-meny of Science and Religion.

By Professor Chas. W. Shields, D. D., of Princeton College.

. The above works for sale by all boogsellers, or will be ent, express charges paid, upon receipt of the price, by the SCRIBNER, ARMSTRONG & CO., Nos. 748 and 745 Broadway, New York.

I'WO SPARKLING NEW BOOKS!

I volume, 8vo. Printed on superfine paper. Cloth, ex-

MISS MISANTIFROPE.
A brilliant story by the action of a "A Pair Saxon," "Lody dith," "Paul Massie," "Limby Rockford," and "Dear Lady starn". One vol., octave, paper, 90 cents. One vol., octave, cloth, \$1 50-

JUSTIN MCCARTHY'S NEW NOVEL,

THE NARRATIVE OF A BLOCKADE RUNNER,
RY CAPTAIN J. WILMINSON,
Of the Confederate States Navy.
One vol., 2 mon. cloth. \$1.25.
Captain Wilkinson run our blockade successfully righteen times, and was never captures. He was also in columned of a Confederate vossel at the time. New Orleans was yagtured.
"He tells a poin, unvarianced tale of great interest." Mas. ANNIE EOWARDS BRIGHT STORY,
A BLUE STOCKING,
One vol. Inc. box

One vol., 12mo, paper, 50; One vol., 12mo, cloth, #1. JUSTIN MCCARTHY'S NOVELS. MES, ANNIE EDWARDS'S NOVELS. ARCHIE LOVEL TEVEN LAWRENCE YEOMAN. A POINT OF HONOR

Either of the above sent by mail, post paid, on receipt of the price. SHELDON & COMPANY, New-York.

THAT AWFUL BOY.

I Have you seen him? I now, ask for him at any bankstore. He will cost you only 5 cents, and you will get more than your money's worth it entertainment and good fathor.

W. CARLETON & CO., Publishers, N. Y.

CHEAPEST BOOKSTORE IN THE WORLD. AN IMMENSE COLLECTION JUST RECEIVER SPECIAL TERMS TO PROPESSIONAL PROPER LEGGAT BROS, S REEKMAN ST. (Opposite Post Office) THE TRIBUNE ALMANAC

THE STANDARD POLITICAL MANUAL.

Leaves nothing to be desired. Undoubtedly the host-(Trey

N. Y.i Times. Has bud an extraordinary sale this year, | Getty: (Penn.) Star and Scutines. Completeer and nest reliable political register published. A very good thing to have within one's reach - Allowy (N.

The best and fullest number ever issued .- | Boston (Mass.) Sustains, if it does not excel, the high standard of previous swice.—[Rochester (N. Y.) Democrat and Chronicle. Contains much fuller election returns than any previous senc.—(Chicago (III.) Journal.

Always noted for the accuracy and follows of its statistics THE TRIBUNE ALMANAC will be mailed postpoid to ny address ou receipt of 25 cents.

Address THE TRIBUNE, New York

Instruction.

For Boys and Young Men-City. A DVERTISEMENTS FOR THE NEW-YORK TRIBUNE WILL, BE RECRIVED AT 183 UPTOWN OFFICES, NO 1.238 Broadway, or Torty are st, or 308 West Prenty direct, or Reference Front Prenty direct, or Reference Front Prenty direct, or Reference Front No. 2.281 Third ave, or One-simulated active error brings, illarlem Savings Bank Building, up to 8 p. m., at regular office raise.

A CLASS for young gentlemen, and private A-GREEN'S Commercial School, 270 W.37th, A NTHON GRAMMAR SCHOOL, 252 Madiriean colleges, he school of Mines, de

ART PRINTING.—American boy, 15 to 17, as apprentice, will be theroughly tadgil order printing a premium of \$200 required. F, 25 housest. A DVERTUSERS!
SEND YOUR ORDERS FOR "THE TRIBUNE" and
ALL PIRSTELLASS CITY JOURNALS TO
EROWN & PULVERMAN, 1,238 President, New York,
Send copy of advertisement when asking for estimate or la

CHARLIER INSTITUTE,

108 West 50th st. on Central Park,

BOARDING and DAY of HOLD for BOYS and YOUNG
MEN from 7 to 20

Prod. ELIE CHARLIER, CLASS CAL & MATHEMATICAL SCHOOL

I A.S. I A.J. & M.A. I III.

I Commercial and Premary Departments.

P. P. WILSON, A. M., and J. W. R. I. LORG, A. M.,
bend manters during the best receive years of the
School hours, 9.30 a. m. 10 radio p. m.

20 to 9. 0 a. m., and 200 to m. DABNEY UNIVERSITY SCHOOL.-Preparation for College, us Free Title at

D. S. EVERSON'S COLLEGIATE SCHOOL,
cor. \$20.51. And the ave., operate Reserveir park.
Receives September 19.
"Short leasons their organization of the following patents are the following patents are the following patents.
Thes. S. Hastings, Rev. Tols. (calculate, Rev. Lines. P. Birsh, Rev. Tols. (calculate, Rev. Lines. P. Birsh, Rev. Tols. (calculate, Rev. Lines. P. Birsh, Lev. Tribl. 38. P. Birsh, Rev. Tols. (calculated). Rev. Tols. (calculated). Rev. Tols. (calculated). Rev. Tols. (calculated).

GERMAN, FRENCH, LATIN, BOOKKEEP-HOLLADAY COLLEGIATE INSTITUTE. 1 223 Broadway, between likely and 1049 sts.
Prepares for College, Scientific Schools, or Inginess.
FIPTH YEAR OPENS SHIT, 19.

HARVARD and other Universities. Class of Mr. NEWELL, 110 East 20th-st., robus to parents of papels, Bobt E. Livingston, esq. Blehard o'Gorman, only Henry Van Wart, esq., otc. HARRIS PATTON'S Classical School,

JOHN MACMULLEN'S SCHOOL, 1,214 Broadway. Three boarders taken: Greek and Laim conversationally tattacht; afternoon and evening classes out-floor classes, with English, French or Gramas teacher for termoons and Saturdays; betanical and geological exportant practical chemistry taught without beaks; use of tools ranged afternoons and Saturdays. M ISS WARREN'S SCHOOL for BOYS, Lyric Thoroughness, opposite Reservoir Para. Specialty

MISS DUVERNET, assisted by competent masters, reopened her boarding and day school for boys under 15, at No. 102 West 20th as, one door rost, 6th ave. on Wednesday, September 26. Day hour less are taken to the Park after an early dimeer. See Eleventh Page.

G. P. PUTNAM'S SONS,